

LENGTH: 1068 base pairs
 TYPE: NUCLEIC ACID
 STRANDEDNESS: double
 TOPOLOGY: unknown
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 PCT-US91-00899-13

Alignment Scores:
 Pred. No.: 30.1 Length: 1068
 Score: 39.00 Matches: 8
 Percent Similarity: 83.33% Conservative: 2
 Best Local Similarity: 66.67% Mismatches: 2
 Query Match: 60.00% Indels: 0
 Gaps: 5

US-09-856-070-19 (1-13) x PCT-US91-00899-13 (1-1068)

QY 2 GluGluLeuMetLeuArgLeuGlnAspTyrGluGlu 13
 Db 259 GAGGAGGTCGATCGCGCGCTGTGGACTACGAGGAC 294

RESULT 2

PCT-US91-00899-5

Sequence 5, Application PCT/US91/00899

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

TITLE OF INVENTION: Methods and Products for the Synthesis of

TITLE OF INVENTION: Oligosaccharide Structures on Glycoproteins, Glycolipids,

TITLE OF INVENTION: or as Free Molecules, and for the Isolation of Cloned

TITLE OF INVENTION: Genetic Sequences That Determine These Structures

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MATER & NEUSTADT,

ADDRESS: P.C.

STREET: 1755 Jefferson Davis Highway, Suite 400

CITY: Arlington

STATE: Virginia

ZIP: 22202

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION NUMBER: PCT/US91/00899

FILING DATE: 19910214

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Lavalleye Ph.D., Jean Paul

REGISTRATION NUMBER: 31,451

REFERENCE/DOCKET NUMBER: 2363-021-55 PCT

TELEPHONE: (703)521-5940

TELEFAX: (703)486-2347

TELEX: 248855 OPAT UR

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 1215 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: DNA (genomic)

PCT-US91-00899-5

Alignment Scores:

Pred. No.: 35.1 Length: 1215
 Score: 39.00 Matches: 8
 Percent Similarity: 83.33% Conservative: 2
 Best Local Similarity: 66.67% Mismatches: 2
 Query Match: 60.00% Indels: 0
 Gaps: 5

US-09-856-070-19 (1-13) x PCT-US91-00899-5 (1-1215)

QY 2 GluGluLeuMetLeuArgLeuGlnAspTyrGluGlu 13
 Db 406 GAGGAGGTCGATCGCGCGCTGTGGACTACGAGGAC 441

RESULT 3

US-07-914-281-9

Sequence 9, Application US/07914281

Patent No. 5324663

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MATER & NEUSTADT,

ADDRESS: P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION NUMBER: US/07/914,281

FILING DATE: 19920720

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: Lavalleye, Jean-Paul M. P.

REGISTRATION NUMBER: 31,451

REFERENCE/DOCKET NUMBER: 2363-060-55

TELEPHONE: (703)521-4500

TELEFAX: (703)486-2347

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 1488 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: DNA (genomic)

US-07-914-281-9

Alignment Scores:
 Pred. No.: 44.8 Length: 1488
 Score: 39.00 Matches: 8
 Percent Similarity: 83.33% Conservative: 2
 Best Local Similarity: 66.67% Mismatches: 2
 Query Match: 60.00% Indels: 0
 Gaps: 0

US-09-856-070-19 (1-13) x US-07-914-281-9 (1-1488)

QY 2 GluGluLeuMetLeuArgLeuGlnAspTyrGluGlu 13
 Db 679 GAGGAGGTCGATCGCGCGCTGTGGACTACGAGGAC 714

RESULT 4

US-08-393-246-9

Sequence 9, Application US/08393246

Patent No. 5595900

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,


```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAL UR
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1488 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-09-042-531-9
Alignment Scores:
Pred. No.: 44.8 Length: 1488
Score: 39.00 Matches: 8
Percent Similarity: 83.43% Conservative: 2
Best Local Similarity: 66.67% Mismatches: 2
Query Match: 60.00% Gaps: 0
DB: 4
US-09-856-070-19 (1-13) x US-09-042-531-9 (1-1488)
QY 2 GluGluLeuMetLeuArgLeuGluAspTyrGluGlu 13
|||||: |||||: |||||: |||||: |||||: |||||:
Db 675 GAGAGAGTGATCTGGAGGAGGAGAGAGAGAG 714
RESULT 8
US-08-483-151-3
; Sequence 3, Application US/08483151
; Patent No. 5858752
; GENERAL INFORMATION:
; APPLICANT: Secc, Brian
; APPLICANT: Holder: Jan
; TITLE OF INVENTION: FPGAS/TRANSPFAS/ GENES AND USPS THEREOF
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,151
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Lech, Karen F.
; REGISTRATION NUMBER: 35,238
; REFERENCE/DATE REF NUMBER: 00/86/278001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2134 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-483-151-3
Alignment Scores:
Pred. No.: 68.9 Length: 2134
Score: 39.00 Matches: 8
Percent Similarity: 83.33% Conservative: 2

```


Score:	39.00	Matches:	8
Percent Similarity:	83.33%	Conservative:	2
Best Local Similarity:	66.67%	Mismatches:	2
Query Match:	60.00%	Indels:	0
DB:	1	Gaps:	0

US 09-856-070-19 (1-13) x US-08-525-058A-7 (1-3647)

yy 2 GlnGlnLeuMetLeuArgLeuGlnAspTyrGluGlu 13
 |||||::: |||||::: |||||::: |||||::: |||||::: |||||:::
 lb 2347 GAGACGTCGATCTGGTGTCTTGGACCTATACAGAC 2392

Search completed: January 16, 2003, 21:41:26
Job time : 47.5714 secs